Parts Manual for

SNAPPER

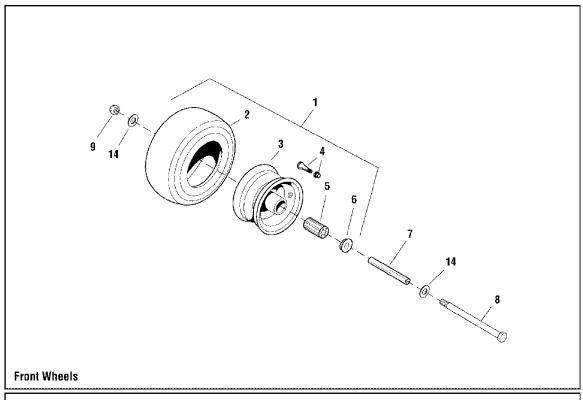
HYDRO DRIVE ZTR 350Z/400Z SERIES 1

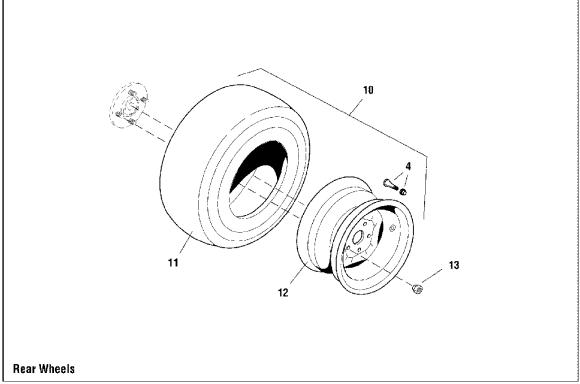
MODEL

ZT18441KHC (5900608) ZT19441KWV (5900609) ZT20501BV (5900610) EZT20501BV (5901166) 400ZB2450 (5900706)

SNAPPER. McDonough, GA, 30253 U.S.A.

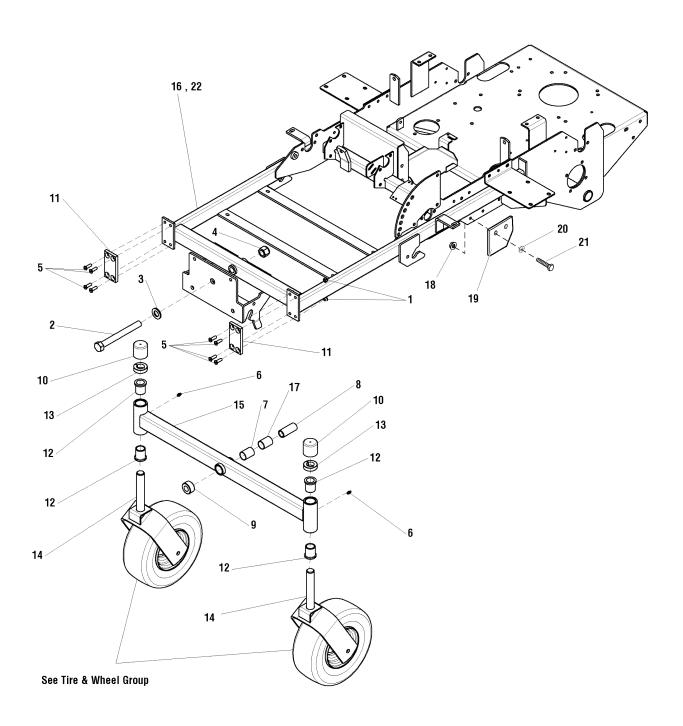
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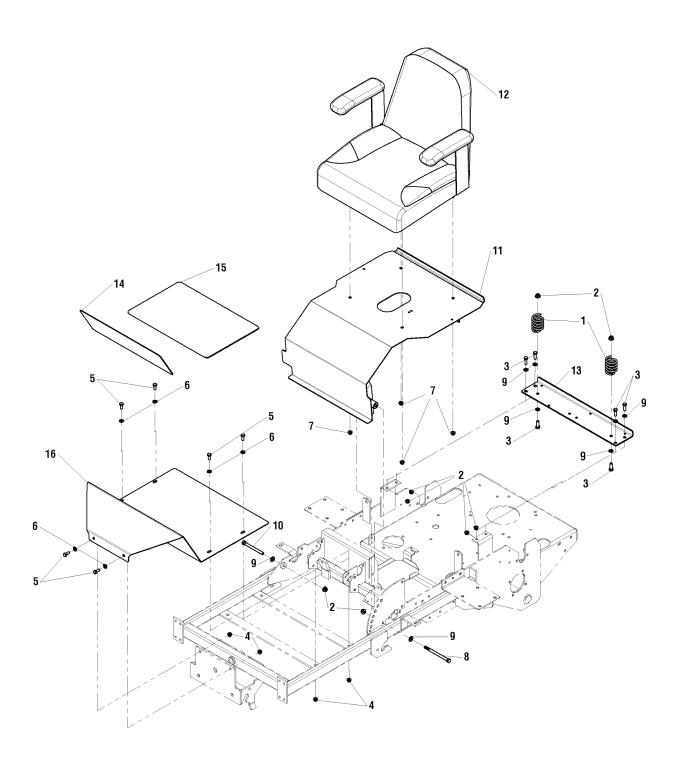
Wheel & Tire Group

Item	Part No	Qty	Description	Note
1	5022433S	2	WHEEL & TIRE ASSEMBLY, 11 X 4.0 - 5, COMPLETE	(Includes Ref No. 2 - 6)
2	5022433X1	2	TIRE, FRONT, 11 X 4.0 - 5	
3	5022433S2	2	WHEEL ASSEMBLY, COMPLETE	(Includes Ref No. 4 & 5)
4	2172353	4	VALVE STEM & CAP ASSEMBLY	
5	5021042	4	BEARING, ROLLER	(2 Per Tire)
6	5021043	4	BEARING RETAINER	(2 Per Tire)
7	5045996	2	AXLE, FRONT CASTER	
8	5025017X52	2	BOLT, 1/2-13 X 6-1/2	
9	5025056	2	NUT, HEX NYLON LOCK, 1/2-13	
10	5023095	2	WHEEL & TIRE ASSEMBLY, 20 X 8.0 - 10, COMPLETE	(Includes Ref No. 4, 11 & 12)
11	5023095X1	2	TIRE, REAR, 20 X 8.0 X 10	
12	5023095X2	2	WHEEL ASSEMBLY, FOR 20 X 8.0 X 10 TIRE	
13	5020601	8	LUG NUT, 1/2-20	
14	5025158	4	WASHER, SAE, 1/2	



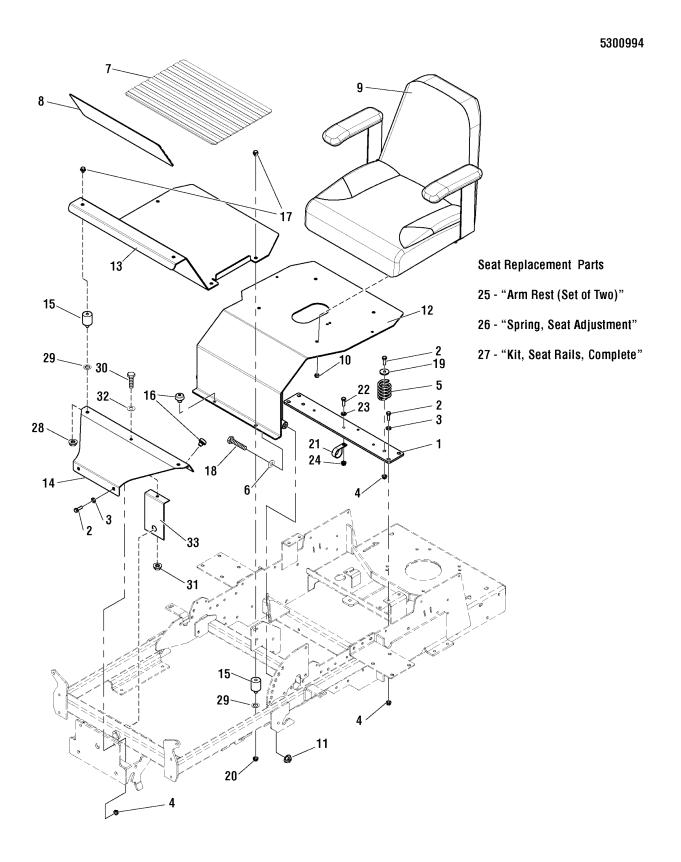
Main Frame & Front Suspension Group

Item	Part No	Qty	Description	Note
1	5025057	8	NUT 5/16-18 HEX NYLON LOCK	
2	5025265X56	1	3/4-16 X 7" GD 8 BOLT TZ	
3	5025160	1	WASHER, 3/4" SAE	
4	5025284	1	NUT, 3/4-16 HEX NYLON LOCK	
5	5025303	8	SCREW 5/16-18 X 1 FLAT HD SC	
6	5020095	2	GREASE FITTING, 1/4-28 STR	
7	5022852	1	PIVOT BEARING,1.00" X 1.125" OD X 1.50"	
8	5047489	1	SPACER, .75 X 1.00 X 2.38	
9	5400756	1	SPACER, .75 X 1.50 X .785	
10	5023214	2	CAP, VINYL 1.687 X 1-1/2	
11	5045990	2	PLATE, FRICTION REDUCER	
12	5021541	4	BUSHING, FLANGE	
13	5020602	2	COLLAR, 1" SPLIT	
14	5048775D	2	WELD, CASTER YOKE	
15	5400405D	1	WELD, PIVOTING FRONT END	
16	5400350D	1	WELD, MAIN FRAME, SNAPPER ZT	
17	5100358	1	BEARING, PIVOT, 1.00 X 1.25 X .50	
18	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE	
19	5401053D	2	PLATE, DECK STOP - SNAPPER RED	
20	5025155	4	WASHER, 5/16" SAE	
21	5025011X6	4	BOLT, 5/16-18 X 3/4" GD5	
22	5403499D	1	WELD, MAIN FRAME, SNAPPER 400Z	(24 HP Models Only)



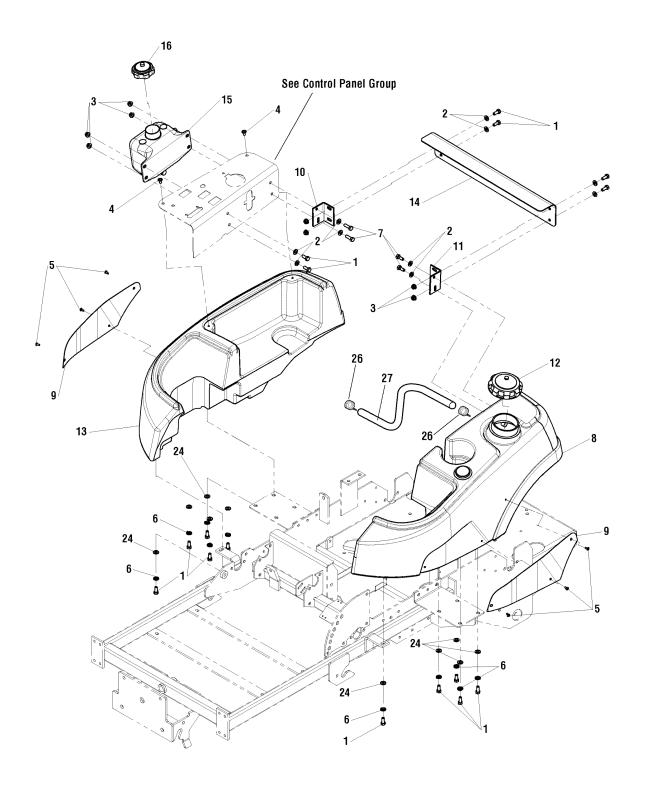
Seat & Kickplate Group

Item	Part No	Qty	Description	Note
1	7078299	2	SPRING, SEAT SUPPORT	
2	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE	
3	5025013X8	6	BOLT, 3/8-16 X 1" GD5	
4	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE	
5	5025011X8	6	BOLT, 5/16-18 X 1" GD5	
6	5025292	6	WASHER, 5/16" GD.9 FLAT	
7	5025057	4	NUT, 5/16-18 HEX NYLON LOCK	
8	5025013X40	1	BOLT, 3/8-16 X 5" GD5	
9	5025156	8	WASHER 3/8" SAE	
10	5025013X32	1	BOLT, 3/8-16 X 4" GD5	
11	5400528D	1	WELD, SEAT PLATE - RED	
12	5061599	1	SEAT	
13	5400361D	1	MOUNT, OIL FILTER	
14	5049979	1	SAFETY WALK, FLOOR REST	
15	5049978	1	SAFETY WALK, FLOOR PLATE	
16	5400918D	1	PLATE, FLOOR DETAIL	



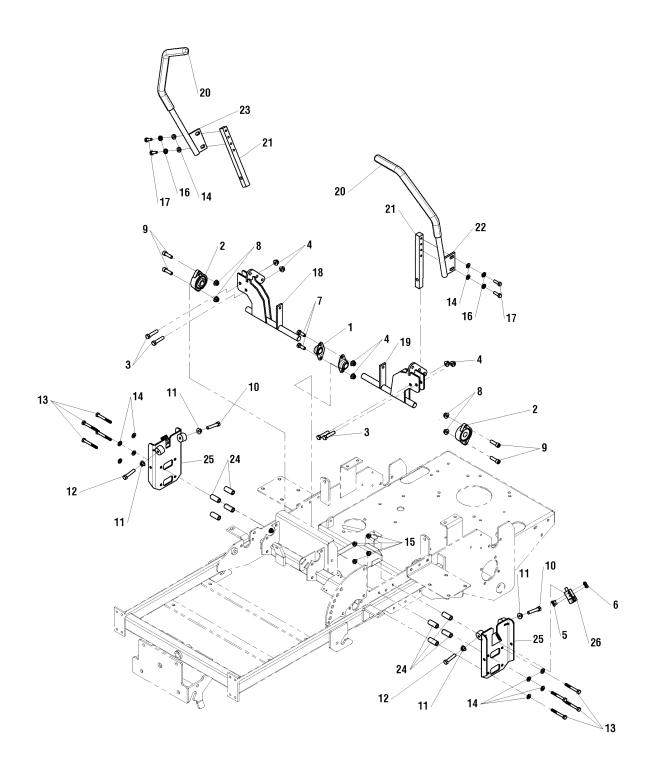
Seat & Kickplate Group - 24 HP Models

Item	Part No	Qty	Description	Note
1	5400361D	1	MOUNT, OIL FILTER- RED	
2	5025011X8	8	BOLT, 5/16-18 X 1 GD 5 YZ	
3	5025292	8	WASHER, 5/16 GD. 9 FLAT	
4	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE	
5	7078299	2	SPRING, SEAT SUPPORT	
6	5025156	2	WASHER, 3/8 SAE	
7	5100999	1	SAFETY WALK, FLOOR PLATE, 17.38 X 11.50	
8	5101007	1	SAFETY WALK, FLOOR REST, 17.38 X 6.00	
9	5061599	1	SEAT, XB-180, NO LOGO, BLACK	
10	5025057	4	NUT, 5/16-18 HEX NYLON LOCK	
11	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE	
12	5403488D	1	WELD, SEAT PLATE - RED	
13	5403665D	1	PLATE, FLOOR, CONSUMER Z - RED	
14	5403044D	1	PLATE, FLOOR, FRONT, CONS Z - RED	
15	35097	6	MOUNT, VIBRATION, 30 DURO	
16	197546	4	MOUNT, VIBRATION, RUBBER	
17	5025481	6	BOLT, 3/8-16 X 5/8, SERRATED UNDER HEAD	
18	5025013X28	2	BOLT, 3/8-16 X 3-1/2 GD5 YZ	
19	5044617	2	WASHER, .34 X 1.25 X 10 GA	
20	5025128	8	NUT, 3/8-18 HEX SERRATED FLANGE	
21	5403372D	1	PLATE, SUPPORT, FRONT FLOOR - RED	
22	5025155	1	WASHER, 5/16 SAE	
23	5025011X6	1	BOLT, 5/16-18 X 3/4 GDS	
24	5025480	6	WASHER, 3/8" ID, INTERNAL TOOTH	
25	1686907	1	ARM REST, SET OF TWO (SV)	
26	5100636	1	SPRING, SEAT ADJUSTMENT (SV)	
27	5061599X1	1	KIT, SEAT RAILS. COMPLETE (SV)	



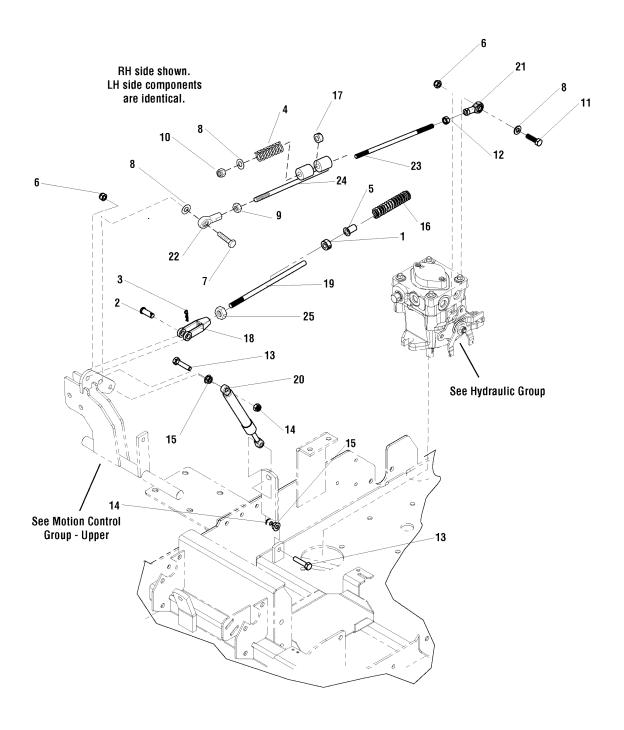
Fuel Tank Group

Item	Part No	Qty	Description	Note
1	5025011X6	16	BOLT, 5/16-18 X 3/4" GRD5	
2	5025155	10	WASHER, 5/16" SAE	
3	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE	
4	5025299X4	2	SCREW, ALLEN HEAD, 1/4-20X1/2	
5	5025386	6	SCREW, Allen Head, #10-24 x 3/8"	
6	5025170	10	WASHER, 5/16" LOCK	
7	5025011X8	4	BOLT, 5/16-18 X 1" GD5	
8	5048751	1	FUEL TANK ASSEMBLY	(Includes Ref. 17 - 23)
9	5048909D	2	PLATE, FUEL TANK BADGE - RED	
10	5048763D	1	BRACKET, REAR SUPPORT - RH - RED	
11	5400836D	1	BRACKET, REAR SUPPORT - LH - RED	
12	5022158	1	CAP, FUEL TANK, 3-1/2" NECK	
13	5048752	1	TANK, FUEL - RH	
14	5400919D	1	PLATE, SUPPORT, REAR TANK - RED	
15	5023345	1	TANK, 2QT HYDRAULIC	
16	5023191	1	CAP, HYDRAULIC RESERVOIR	
17	5023061	1	ELBOW FITTING	Not Shown
18	5600050	1	GROMMET	Not Shown
19	5050925X20	1	HOSE, 20"	Not Shown
20	5023069	2	HOSE CLAMP	Not Shown
21	5023067	1	SCREEN FITTING	Not Shown
22	5023197	1	FUEL GAUGE	Not Shown
23	5022917X1	1	GROMMET	Not Shown
24	5025292	10	WASHER, GR. 9 FLAT	
25	5300046	1	ASSM, FUEL HOSE	Not Shown (Includes Ref. 17 - 21)
26	5020835	2	CLAMP, HOSE, RED	
27	5050831X20	1	HOSE, 1/4" FUEL LINE, 20" LONG	



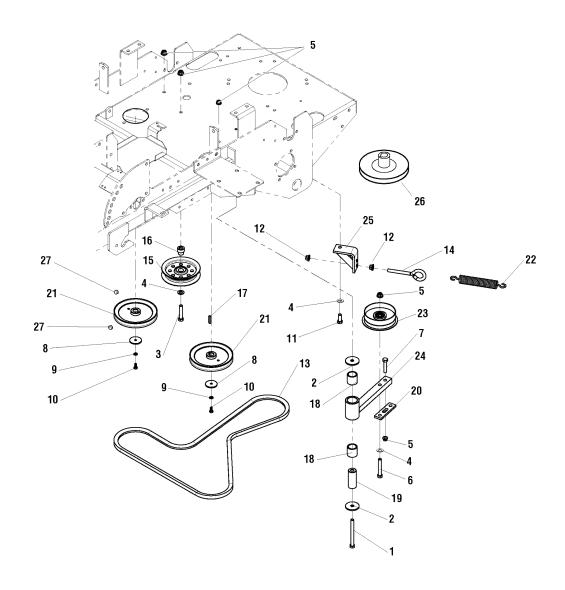
Control Group Upper

Item	Part No	Qty	Description	Note
1	5021098	2	BEARING, BRONZE FLANGE, 3/4"	
2	5021499	2	BEARING, FLANGE	
3	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5	
4	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE	
5	5025179X4	4	10-24 X .5 SCREW	
6	5025029	4	NUT, HEX, #10-24	
7	5025013X8	2	BOLT, 3/8-16 X 1" GD5	
8	5025096	4	NUT, 3/8-16 HEX NYLON LOCK	
9	5025327	4	3/8-16 x 1-1/4 SOCKET HD CAPSCR	
10	5025055X16	2	BOLT, 5/16-18 X 2" GD 5 TFL	
11	5025139	4	NUT, 5/16-18 HEX LG SERR FLG.	
12	5025055X14	2	BOLT, 5/16-18 X 1.75" GD 5 TFL	
13	5025011X20	8	BOLT, 5/16-18 X 2-1/2" GD5	
14	5025155	12	WASHER, 5/16" SAE	
15	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE	
16	5025170	4	WASHER, 5/16" LOCK	
17	5025011X8	4	BOLT, 5/16-18 X 1" GD5	
18	5401020D	1	WELD, CONTROL SHAFT- RH	
19	5401017D	1	WELD, CONTROL SHAFT- LH	
20	5022068	2	GRIP, FOAM, 3/4" ID, 16" LONG	
21	5047004	2	MOUNT, CONTROL ARM	
22	5401096D	1	WELD, HANDLE MOTION CONTROL-LH	
23	5401097D	1	WELD, HANDLE MOTION CONTROL-RH	
24	5048264	8	SPACER, .63 X .39 X 1.50	
25	5048169D	2	WELD, NEUTRAL PLATE	
26	5022095	2	SWITCH, PLUNGER, N.O. / N.C.	



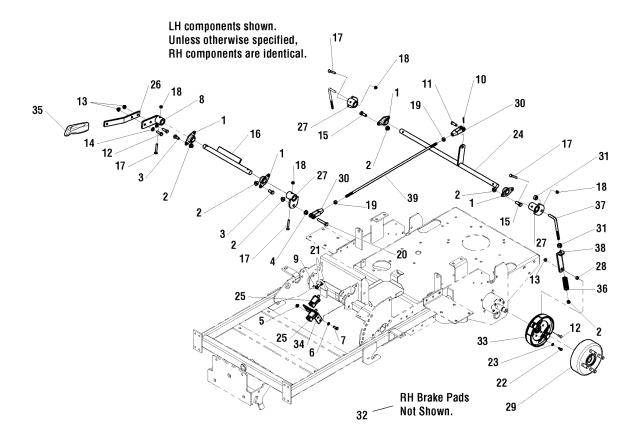
Control Group Lower

Item	Part No	Qty	Description	Note
1	5010546	2	COLLAR, 3/8" SET	
2	5025214X8	2	PIN, CLEVIS, 3/8" X 1"	
3	5025211	2	PIN, HAIR, .0585 X 1-1/8	
4	5023242	2	SPRING, CONTROL ROD	
5	5023260	2	BUSHING, FLANGE 3/8ID X 7/8 LONG	
6	5025057	4	NUT 5/16-18 HEX NYLON LOCK	
7	5025011X10	2	BOLT, 5/16-18 X 1-1/4" GD5	
8	5025155	6	WASHER, 5/16" SAE	
9	5025033	2	NUT, HEX 5/16-24	
10	5025045	2	NUT 5/16-24 HEX NYLON LOCK	
11	5025011X8	2	BOLT, 5/16-18 X 1" GD5	
12	5023212	2	NUT, 5/16 HEX LH	
13	5025335	4	BOLT, M8-1.25 x 35MM	
14	5025354	4	NUT, M8-1.25 Hex Nylon Lock	
15	5025355	4	NUT, M8-1.25 Hex Serrated Flange	
16	5022645	2	SPRING, COMPRESSION	
17	5020047	2	SET COLLAR, 5/16"	
18	5021171	2	CLEVIS, 3/8-24, PLASTIC	
19	5049969	2	ROD, NEUTRAL CONTROL, 8"	
20	5022978	2	DAMPENER	
21	5022628	2	BALL JOINT, 5/16-24 Female LH	
22	5021146	2	BALL JOINT, 5/16-24 Female	
23	5048921	2	CONTROL ROD, ADJ. SPRING	
24	5048923	2	ROD ASSEMBLY, SLIDER	
25	5025035	2	NUT, 3/8-24 HEX	



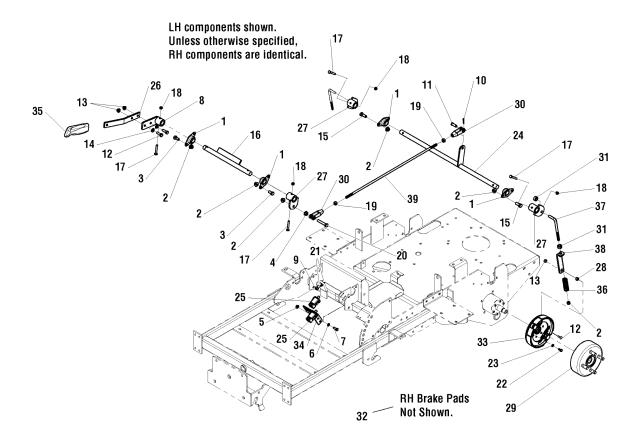
Drive Group

Item	Part No	Qty	Description	Note
1	5025013X32	1	BOLT, 3/8-16 X 4" GD5	
2	5025305	2	WASHER, .41 X 1.75 X .14	
3	5025013X16	1	BOLT, 3/8-16 X 2" GD5	
4	5025156	3	WASHER 3/8" SAE	
5	5025394	5	NUT, 3/8-16 HEX NYLOCK FLANGE	
6	5025013X20	1	BOLT, 3/8-16 X 2-1/2" GD5	
7	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5	
8	5044577	2	WASHER, .265 X 1.50 X .109, YZ	
9	5025169	2	WASHER, 1/4" LOCK	
10	5023215	2	BOLT, M6-1.0 X 14MM	
11	5025013X8	1	BOLT, 3/8-16 X 1" GD5	
12	5025034	2	NUT, 3/8-16 HEX	
13	5022931	1	BELT, DECK DRIVE	
14	5023497	1	EYE BOLT, 3/8-16 X 5", 1" EYE	
15	5021002	1	PULLEY, IDLER	
16	5049184	1	SPACER, HYDRO IDLER PULLEY	
17	5023254	2	KEY, 5MM SQ W/ RADIUS	
18	5022157	2	BUSHING, BRASS, 1.25 X 1 X 1.25	
19	5045135	1	SPACER, .39 X 1.00 X 2.55	
20	5048219D	1	PLATE, ANCHOR, SPRING	
21	5023251	2	PULLEY, PUMP DRIVE	
22	1715435	1	SPRING, EXTENSION, 1.00	
23	5022621	1	PULLEY, IDLER, SINGLE FLANGE	
24	5046430D	1	WELD, ARM, PUMP DRIVE IDLER	
25	5045200D	1	WELD, ANCHOR EYEBOLT	
26	5023252	1	PULLEY, Crankshaft	
27	5025061X2	4	SET SCREW, 5/16-18 X 1/2	



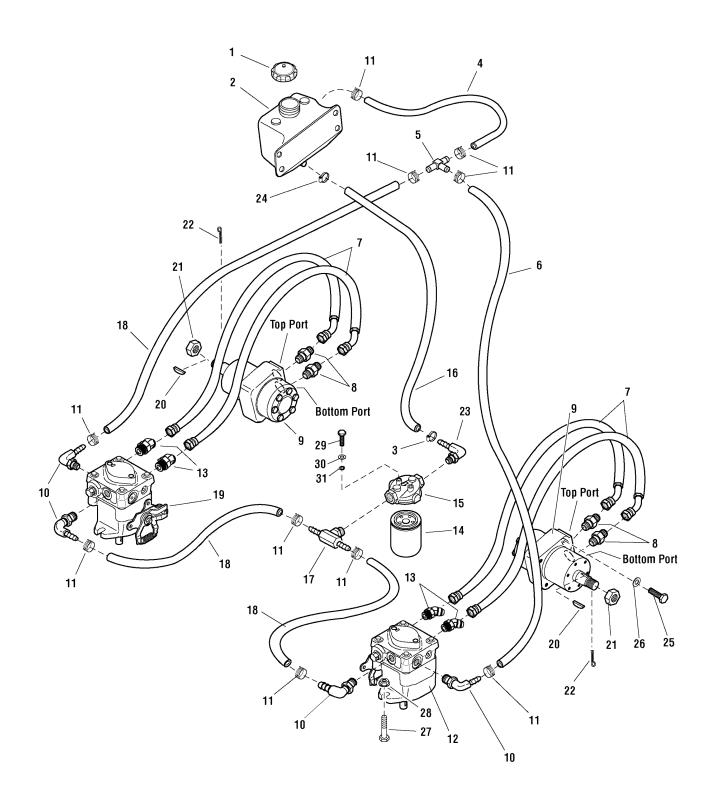
Brake Group

Item	Part No	Qty	Description	Note
1	5021098	4	BEARING, BRONZE FLANGE, 3/4"	
2	5025394	11	NUT, 3/8-16 HEX NYLOCK FLANGE	
3	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5	
4	5025034	1	NUT, 3/8-16 HEX	
5	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE	
6	5025154	2	WASHER, 1/4" SAE	
7	5025010X5	2	BOLT, 1/4-20 X 5/8" GD5	
8	5048401D	2	WELD, MOUNT BRAKE LEVER	
9	5025058X16	1	BOLT, 3/8-16 X 2" GD 5 TFL CZ	
10	5025203X6	1	PIN, COTTER, 1/8" X 3/4"	
11	5025214X8	1	PIN, CLEVIS, 3/8" X 1"	
12	5025011X8	4	BOLT, 5/16-18 X 1" GD5	
13	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE	
14	5025155	2	WASHER, 5/16" SAE	
15	5025075X6	4	BOLT, 3/8-16 X 3/4", ALLEN BUTTON	
16	5048163D	1	WELD, SHAFT BRAKE LEVER	
17	5025010X12	4	BOLT, 1/4-20 X 1-1/2" GD5	
18	5025287	4	NUT, 1/4-20 HEX SIDE LOCK	
19	5025035	2	NUT, HEX 3/8-24	
20	5025013X16	1	BOLT, 3/8-16 X 2" GD5	
21	5025128	2	NUT, 3/8-16 HEX LG. SERR FLG	
22	5023215	12	BOLT, M6-1.0 X 14MM	
23	5025169	12	WASHER, 1/4" LOCK	
24	5048166D	1	WELD, SHAFT, REAR BRAKE	
25	5022182	2	SWITCH PLUNGER NO/NC SNAP IN	
26	5045619D	1	HANDLE, BRAKE LEVER	
27	5045618D	3	WELD, PIVOT LINKAGE MOUNT	
28	5041930	2	SPACER, .38 X .50 X .27	
29	5023094	2	DRUM, BRAKE, 4-BOLT	
30	5021171	2	CLEVIS, 3/8-24 PLASTIC	
31	5010546	4	COLLAR, 3/8" SET	
32	5023106	1	BRAKE ASSEMBLY, RH	(Not Shown)
33	5023188	1	BRAKE ASSEMBLY, LH	
34	5045621D	1	BRACKET, SWITCH MOUNT	
35	5100171	1	GRIP, BLACK FLEXIBLE	
36	5022361	2	SPRING, BRAKE	
37	5047091	2	ROD, BRAKE ADJUSTMENT	



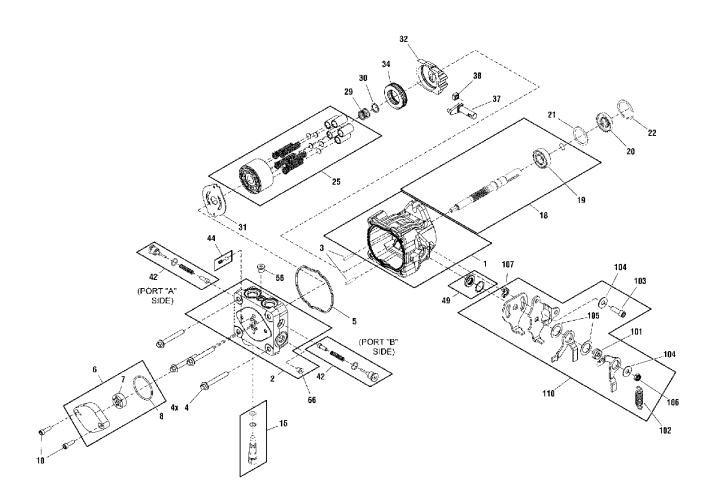
Brake Group

Item	Part No	Qty	Description	Note
38	5047084D	2	LINK, BRAKE LOCK	
39	5042553	1	ROD, BRAKE ENGAGEMENT 36"	



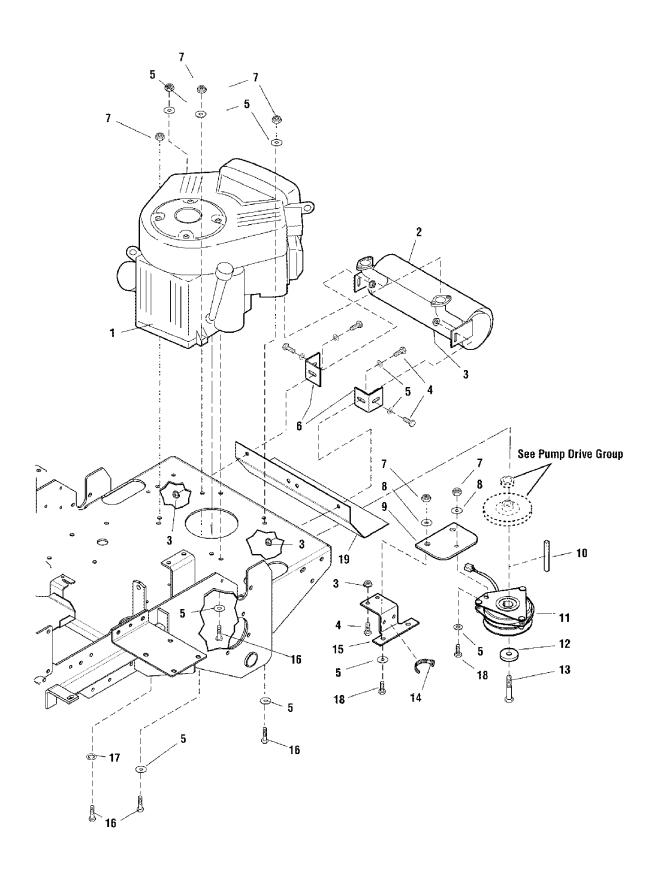
Hydraulic Group (270HYD1)

Item	Part No	Qty	Description	Note
1	5023191	1	CAP	
2	5023345	1	HYDRAULIC TANK	
3	5021164	1	CLAMP, #10 HOSE STAINLESS	
4	5050860X8P	1	HOSE, 3/8 X 8.50" LONG	
5	5022920	1	TEE FITTING	
6	5050860X27	1	HOSE, 3/8 X 27" LONG	
7	5022710	4	25.5" HOSE ASSEMBLY	
8	5022634	4	FITTING, ADAPTER	
9	5023091	2	WHEEL MOTOR	
10	5023267	4	FITTING, 90 DEG. O-RING	
11	5023268	10	CLAMP, HOSE	
12	5100072	1	HYDRAULIC PUMP, LH (PG1HQQ-DV1X-XXXX)	Was 5023092
13	5023338	4	FITTING, ADAPTER	
14	1719168	1	FILTER	
15	5023096	1	FILTER HEAD	
16	5400707	1	HOSE, 5/8 X 12.5" LONG	
17	5023266	1	FITTING, TEE	
18	5050860X7P	3	HOSE, 3/8 X 7.5 " LONG	
19	5100073	1	HYDRAULIC PUMP, RH (PG1KQQ DV1X-XXXX)	Was 5023093
20	5023091X1	2	KEY	
21	5023091X2	2	NUT, CASTLE	
22	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4	
23	5023346	1	ADAPTER, 90 DEG, 9/16-5/8 BARB	
24	5061549	1	CLAMP, HOSE 7/8	
25	5025013X8	8	BOLT, 3/8-16 X 1" GD5 YZ	
26	5025171	8	WASHER, 3/8" SPLIT LOCK	
27	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5	
28	5025128	4	NUT, 3/8-16 HEX SERRATED FLANGE	
29	5025010X6	2	BOLT, 1/4-20 X 3/4" GD5 YZ	
30	5025154	2	WASHER, 1/4" SAE	
31	5025169	2	WASHER, 1/4" LOCK	



Hydraulic Pump SERVICE PARTS - BDP/PG Series

Item	Part No	Qty	Description	Note
1	5023405	1	Housing Kit	
2	5023406	1	End Cap Kit (W/ Poppets, Standard Charge) (Includes Ref. Nos. 66)	
3	5023407	1	Straight Headless Pin	
4	5023408	4	Hex Flange Bolt M8-1.25 X 60mm LG	
5	5023409	1	Housing O-Ring	
6	5023410	1	Charge Pump Kit (STD) (Includes Ref. Nos. 7 & 8)	
7		1	STD Gerotor Assy (11 cu. In/rev D-Drive) (Not a Serviceable Part)	Not a serviceable part.
8		1	O-Ring (Not a Serviceable Part)	
10	5023411	2	Socket Head Screw M6 x 1.0-20mm Lg (STD Charge)	
15	5023412	1	Bypass Valve Kit (Blank)	
18	5023413	1	Pump Shaft Kit (Blind 15mm Keyway W/ Std Charge) (Includes Ref. Nos. 19)	
19		1	Ball Bearing 17 x 40 x 12 (Not a Serviceable Part)	Not a serviceable part.
20	5023414	1	Lip Seal 17 x 40 x 7 PTC	
21	5023415	1	Spacer	
22	5023416	1	Retaining Ring	
25	5023417	1	Cylinder Block Kit	
29	5023418	1	Block Spring	
30	5023419	1	Block Thrust Washer	
31	5023420	1	Valve Plate (Steel N-Tec:Black)	
32	5023421	1	Swashplate	
34	5023422	1	Ball Thrust Bearing	
37	5023423	1	Trunnion Arm, Tapered Square	
38	5023424	1	Slot Guide	
42	5023425	2	Check Valve Kit (0.031"Orifice)	
44	5023426	1	Charge Relief Valve Kit (1/4" Plastic Ball & Spring)	
49	5023427	1	Trunnion Seal / Retainer Kit	
56	5023428	1	Straight Thread Plug	
66		1	5/16" SAE Plug (Not a Serviceable Part)	Not a serviceable part.
100	5023429	1	Overhaul Seal Kit	Not Shown
101		1	Spacer RTN (Not a Serviceable Part)	Not a serviceable part.
102		1	Spring, Extension (Not a Serviceable Part)	Not a serviceable part.
103		1	Screw, 5/16 x .875 (Patch) (Not a Serviceable Part)	Not a serviceable part.
104		2	Washer .34 x .88 x .06 (Not a Serviceable Part)	Not a serviceable part.
105		1	Washer, Nylon (Not a Serviceable Part)	Not a serviceable part.
106		1	Nut, Hex Lock 5/16-24 UNF (Not a Serviceable Part)	Not a serviceable part.
107		1	Spacer (Not a Serviceable Part)	Not a serviceable part.
110	5023430	1	Kit, RTN, STD (Includes Ref. Nos. 94, 98, 100, 101, 102, 103, 104, 104, 105, 106 & 107)	

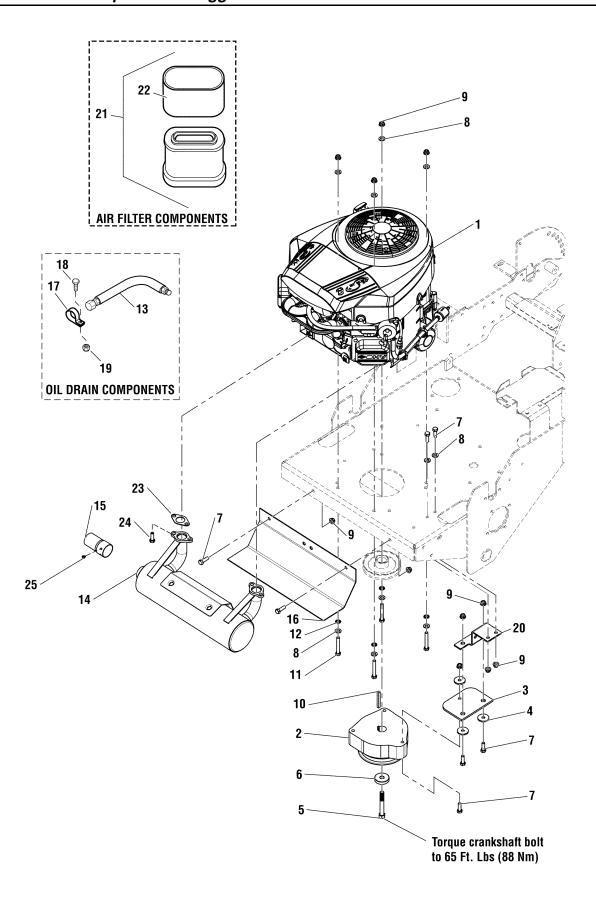


Engine & PTO Group - BRIGGS & STRATTON

Item	Part No	Qty	Description	Note
1		1	* ENGINE, 20HP B&S Model 358777-0280-E1	
2	5023187	1	MUFFLER	
3	5025392	6	NUT, HEX NYLOCK FLANGE, 5/16-18	
4	5025011X6	6	BOLT, 5/16-18 X 3/4	
5	5025155	13	WASHER, SAE, 5/16	
6	5048262D	2	BRACKET, MUFFLER SUPPORT	
7	5025057	7	NUT, HEX NYLON LOCK, 5/16-18	
8	5044617	3	WASHER, CLUTCH ANCHOR, 5/16	
9	5043636	1	CLUTCH ANCHOR PAD	
10	5050407X18	1	KEY, 1/4 SQ. X 2-1/4	
11	5023100	1	CLUTCH, ELECTRIC	
12	5042132	1	SPACER, .45 X 1.62 X .37	
13	5023253	1	BOLT, CRANKSHAFT, 7/16 X 3-1/4	
14	5021030	1	TIE WRAP	
15	5048226D	1	CLUTCH ANCHOR	
16	5025011X14	4	BOLT, 5/16-18 X 1-3/4	
17	5025188	1	WASHER, 5/16 INT TOOTH LOCK	
18	5025011X8	3	BOLT, 5/16-18 X 1	
19	5401071D	1	PLATE, HEAT SHIELD	
20	5048681	1	HOSE, OIL DRAIN	(Not Shown)
21	5050833X6	1	WIRE LOOM, OIL DRAIN	(Not Shown)
22	5021500	1	CLAMP, VINYL INSULATED	(Not Shown)

Footnotes:

Note: * See your local Briggs & Stratton distributor for parts & service.

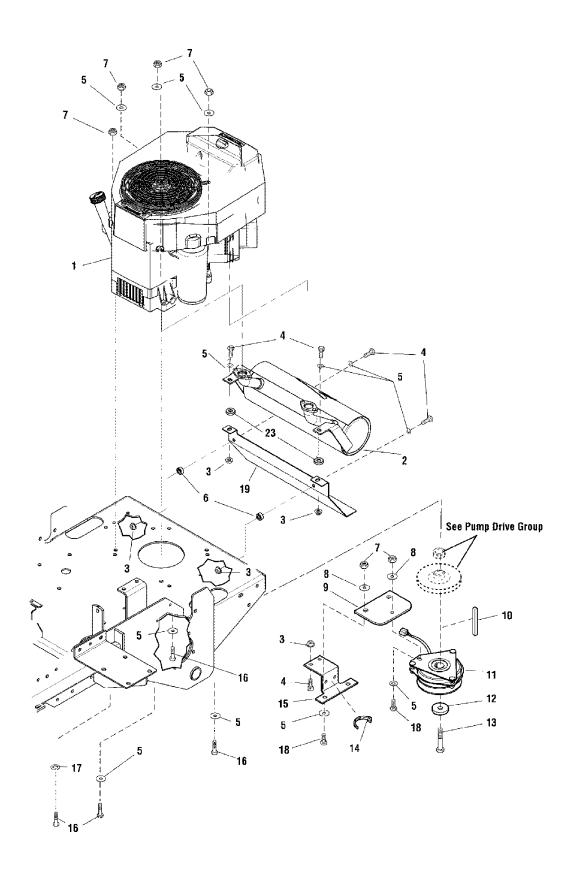


Engine & PTO Group - 24 HP Briggs & Stratton

Item	Part No	Qty	Description	Note
1		1	* ENGINE-24HP B&S, ELS #44M777-0113-E1	
2	5023100	1	CLUTCH, ELECTRIC, 1" SHAFT	
3	5043636	1	CLUTCH ANCHOR PAD	
4	5044617	3	WASHER, .34 X 1.25 X 10GA	
5	5023253	1	BOLT, CRANKSHAFT, 7/16-20 X 3-1/4" YZ	
6	5042132	1	SPACER, .45 X 1.62 X .37	
7	5025011X8	7	BOLT, 5/16-18 X 1" GD5	
8	5025155	10	WASHER, 5/16" SAE	
9	5025392	11	NUT, 5/16-18 HEX NYLOCK FLANGE	
10	5050407X18	1	KEY, 1/4" SQ. X 3-1/2"	
11	5025011X18	4	BOLT, 5/16-18 X 2-1/4" GD5	
12	5025188	4	WASHER, 5/16" INT. TOOTH LOCK	
13	5048681	1	HOSE, OIL DRAIN	
14	5100907	1	MUFFLER, 22HP B&S - ELS - IS500Z	
15	5100969	1	EXTENSION, TAILPIPE, 3"	
16	5401071D	1	PLATE, HEAT SHIELD	
17	5021500	1	CLAMP, VINYL INSULATED	
18	5025010X6	1	BOLT, 1/4-20 X 3/4" GD5	
19	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE	
20	5048226D	1	ANCHOR, CLUTCH	
21	792105	1	AIR CLEANER W / PRE CLEANER (SV)	(INCLUDES REF. NO. 22)
22	792303	1	PRE CLEANER (SV)	
23	273485	2	GASKET, EXHAUST	
24	94480	4	SCREW, SEM HEX HEAD	
25	5021808X8	2	SCREW	

Footnotes:

NOTE* Purchase engine parts from engine manufacturer dealer.

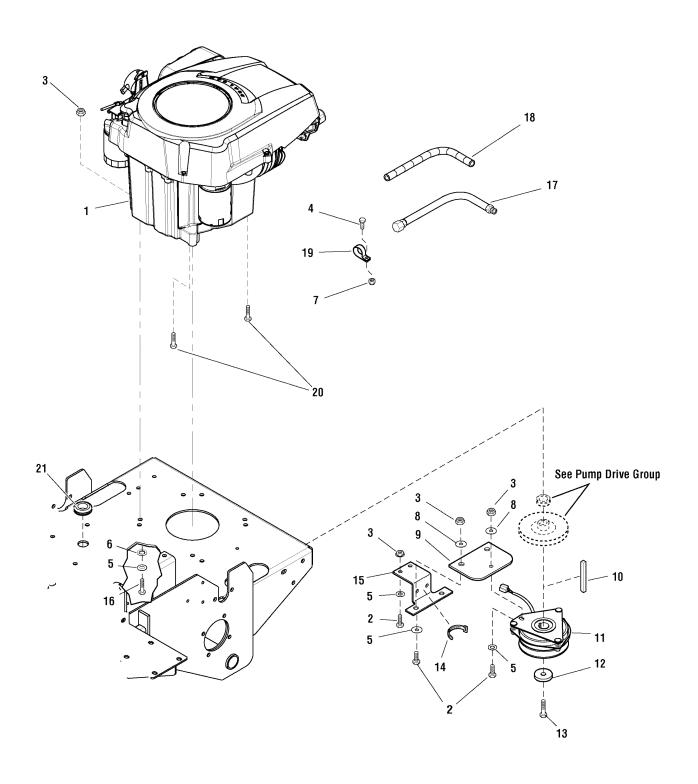


Engine & PTO Group - KAWASAKI

<u>Item</u>	Part No	Qty	Description	Note
1		1	* ENGINE, 19HP KAWASAKI	
2	5101125	1	MUFFLER	
3	5025392	6	NUT, HEX NYLOCK FLANGE, 5/16-18	
4	5025011X6	6	BOLT, 5/16-18 X 3/4	
5	5025155	13	WASHER, SAE, 5/16	
6	5044933	2	SPACER, .39 X .75 X .38	
7	5025057	7	NUT, HEX NYLON LOCK, 5/16-18	
8	5044617	3	WASHER, CLUTCH ANCHOR, 5/16	
9	5043636	1	CLUTCH ANCHOR PAD	
10	5050407X18	1	KEY, 1/4 SQ. X 2-1/4	
11	5023100	1	CLUTCH, ELECTRIC	
12	5042132	1	SPACER, .45 X 1.62 X .37	
13	5023253	1	BOLT, CRANKSHAFT, 7/16 X 3-1/4	
14	5021030	1	TIE WRAP	
15	5048226D	1	CLUTCH ANCHOR	
16	5025011X14	4	BOLT, 5/16-18 X 1-3/4	
17	5025188	1	WASHER, 5/16 INT TOOTH LOCK	
18	5025011X8	3	BOLT, 5/16-18 X 1	
19	5400870D	1	PLATE, HEAT SHIELD	
20	5048681	1	HOSE, OIL DRAIN	(Not Shown)
21	5050833X6	1	WIRE LOOM, OIL DRAIN	(Not Shown)
22	5021500	1	CLAMP, VINYL INSULATED	(Not Shown)
23	5044960	2	SPACER, .39 X 1.00 X .38	

Footnotes:

Note: * See your local Kawasaki distributor for parts & service.

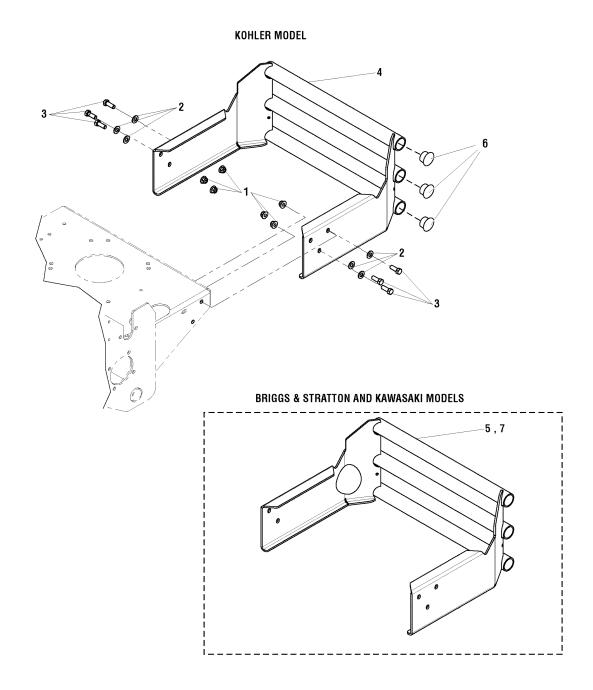


Engine & PTO Group - KOHLER

Item	Part No	Qty	Description	Note
1		1	* ENGINE, 18HP KOHLER Model SV540S, PS-552725	
2	5025011X8	5	BOLT, 5/16-18 X 1	
3	5025392	6	NUT, HEX NYLOCK FLANGE, 5/16-18	
4	5025011X6	1	BOLT, 5/16-18 X 3/4	
5	5025155	6	WASHER, SAE, 5/16	
6	5025188	1	WASHER, 5/16 INT TOOTH LOCK	
7	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE	
8	5044617	3	WASHER, CLUTCH ANCHOR, 5/16	
9	5043636	1	CLUTCH ANCHOR PAD	
10	5050407X18	1	KEY, 1/4 SQ. X 2-1/4	
11	5023100	1	CLUTCH, ELECTRIC	
12	5042132	1	SPACER, .45 X 1.62 X .37	
13	5023253	1	BOLT, CRANKSHAFT, 7/16 X 3-1/4	
14	5021029	1	TIE WRAP, 11" LONG	
15	5048226D	1	CLUTCH ANCHOR	
16	5025011X14	1	BOLT, 5/16-18 X 1-3/4" GD5 YZ	
17	5048681	1	HOSE, OIL DRAIN	
18	5050833X6	1	WIRE LOOM, OIL DRAIN	
19	5021500	1	CLAMP, VINYL INSULATED	
20	5100399	3	BOLT, 3/8-16 X 1", SELF-TAPPING	
21	5023236	1	GROMMET, 3/4"	

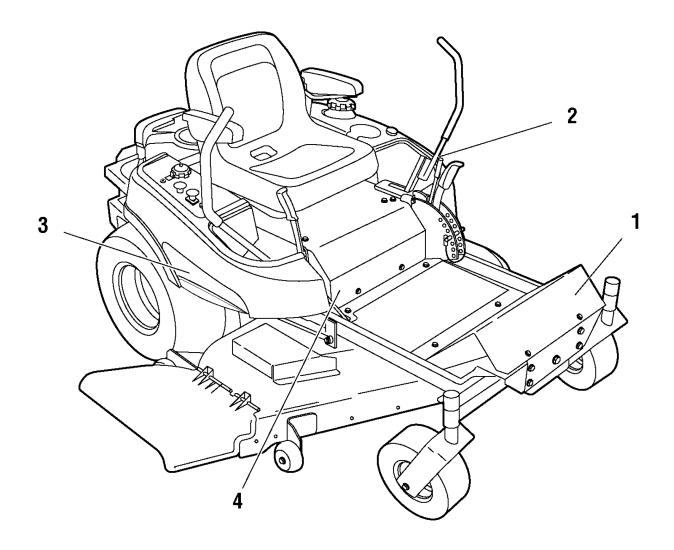
Footnotes:

Note: * See your local Kohler distributor for parts & service.



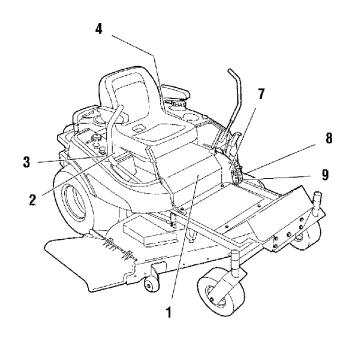
Bumper Group

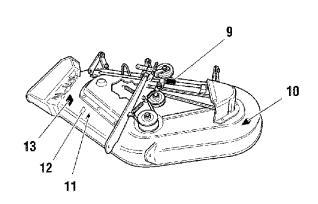
Item	Part No	Qty	Description	Note
1	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE	
2	5025156	6	WASHER 3/8" SAE	
3	5025013X8	6	BOLT, 3/8-16 X 1" GD5	
4	5400356D	1	WELD, BUMPER, SNAPPER Z	(For Models with Kohler Engines)
5	5401074D	1	WELD, BUMPER, SNAPPER Z	(For Models with 20 HP Briggs & 19 HP Kawasaki Engines)
6	5023484	6	PLUG, PANEL, 1.25 BLACK	
7	5403489D	1	WELD, BUMPER, SNAPPER Z	(For Models with 24 HP Briggs & Stratton Engines)

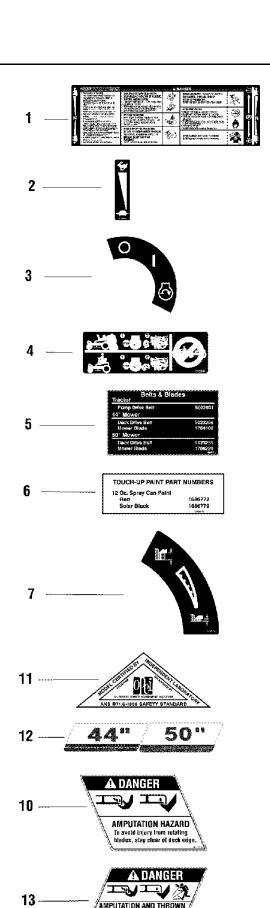


Decals Group - Brand & Model

Item	Part No	Qty	Description	Note
1	1731955	1	DECAL, SNAPPER, SILVER & BLACK, 8.5"	
2	5100476	1	DECAL, STRIPE, LH, SNAPPER	
3	5100477	1	DECAL, STRIPE, RH, SNAPPER	
4	5101328	1	DECAL, 400Z 24HP	(24 HP Models Only)

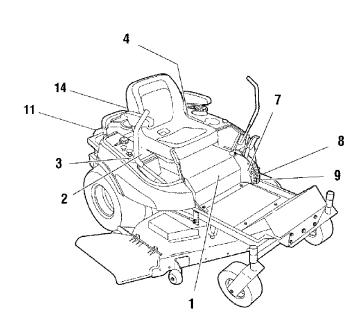


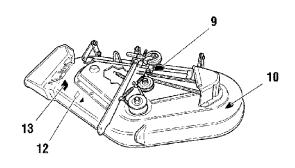


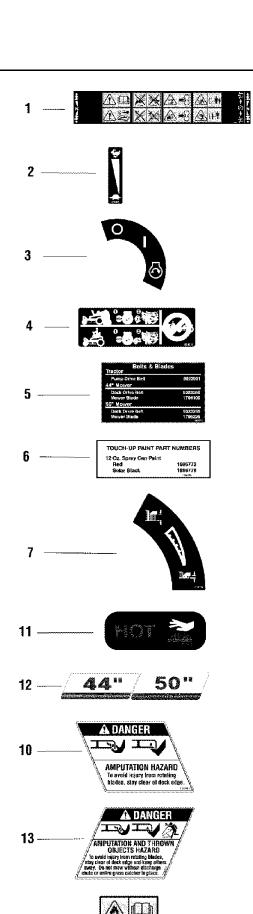


Decals Group - Safety & Common

<u>Item</u>	Part No	Qty	Description	Note
1	5100252	1	DECAL, MAIN	
2	5100280	1	DECAL, THROTTLE CONTROL	
3	5048970	1	DECAL, IGNITION SWITCH	
4	1725941	1	DECAL, CZT HYDRO RELEASE	
5	5048907	1	DECAL, BELT & BLADE	(Located Under Seat)
6	1725072	1	DECAL-TOUCH UP PAINT	(Located Under Seat)
7	1725703	1	DECAL, HEIGHT OF CUT	
8		1	DECAL, US PATENT, ZTR	Not a serviceable part.
9		1	DECAL, ID PLATE	Not a serviceable part.
10	5100136	1	DECAL, DANGER, MOWER	
11		1	DECAL-OPEI CERTIFIED ANSI B71.12003 GOLD	Not a serviceable part.
12	1722789	1	DECAL-44"- SILVER ON BLACK W/STRIPE	
12	1722790	1	DECAL-50"- SILVER ON BLACK W/STRIPE	
13	5100137	1	DECAL, DANGER, MOWER DISCHARGE	



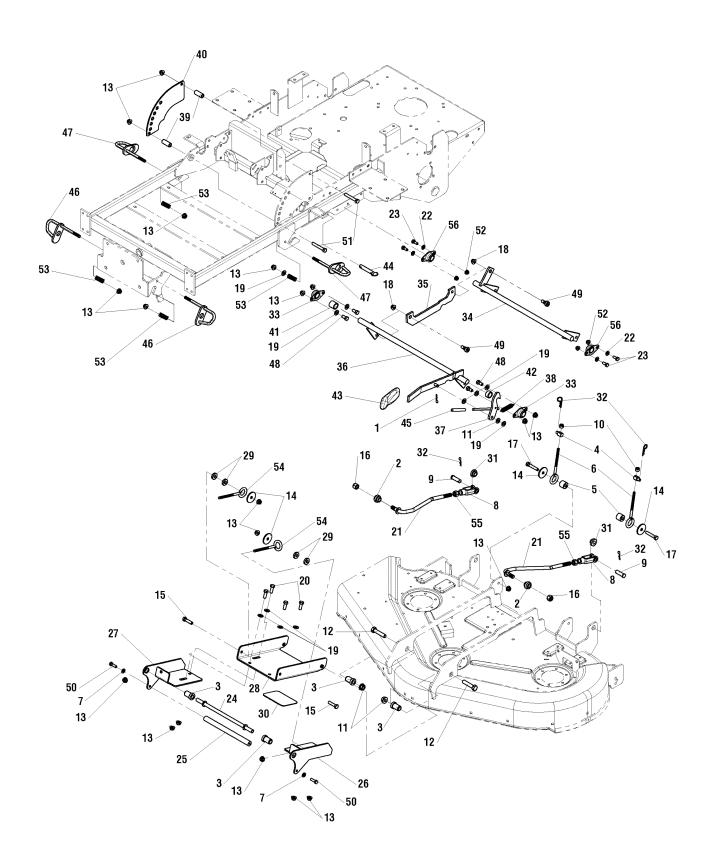




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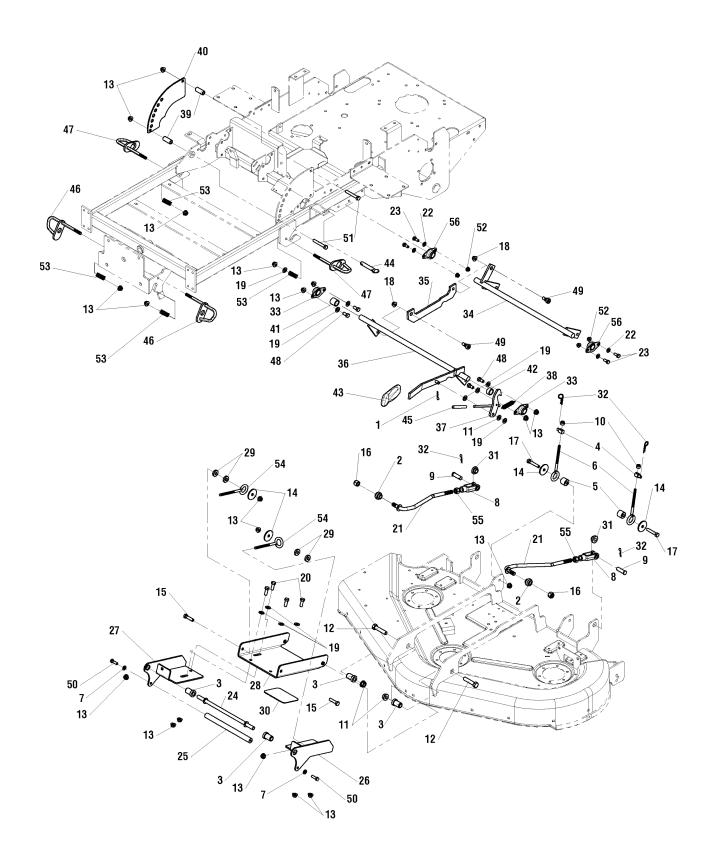
Export Decals Group - Safety & Common

Item	Part No	Qty	Description	Note
1	5061108	1	DECAL, MAIN CE	
2	5100280	1	DECAL, THROTTLE CONTROL	
3	5048970	1	DECAL, IGNITION SWITCH	
4	1725941	1	DECAL, CZT HYDRO RELEASE	
5	5048907	1	DECAL, BELT & BLADE	(Located Under Seat)
6	1725072	1	DECAL-TOUCH UP PAINT	(Located Under Seat)
7	1725703	1	DECAL, HEIGHT OF CUT	
8		1	DECAL, US PATENT, ZTR	Not a serviceable part.
9		1	DECAL, ID PLATE	Not a serviceable part.
10	5061042	2	DECAL, CE DANGER	
11	1704473	1	DECAL, HOT	
12	1722789	1	DECAL-44"- SILVER ON BLACK W/STRIPE	
12	1722790	1	DECAL-50"- SILVER ON BLACK W/STRIPE	
13	1720389	2	DECAL-DANGER ROTATING BLADE SYMBOLS	
14	5061217	1	DECAL, DANGER, CE	



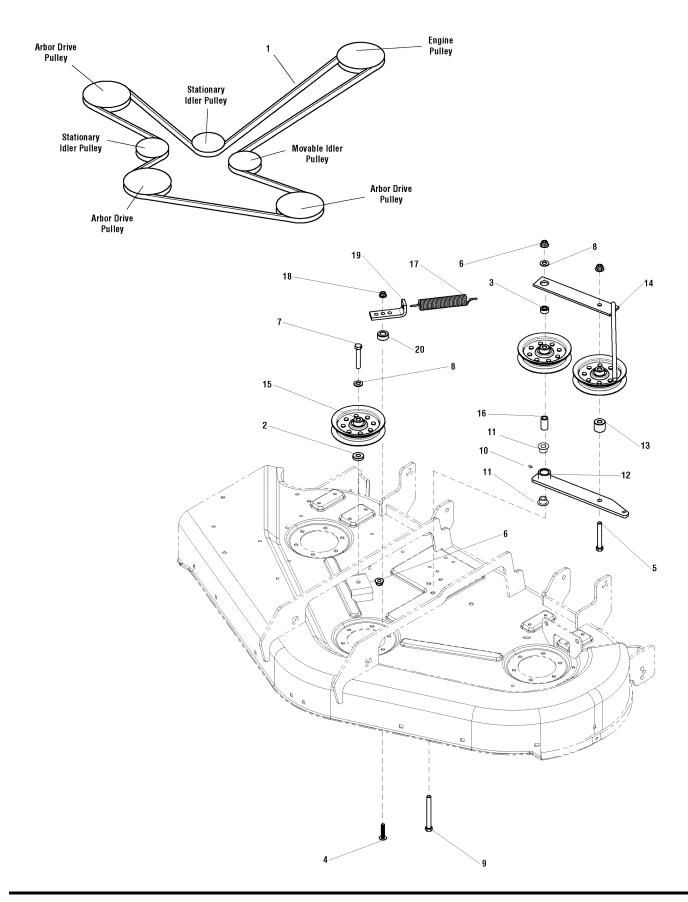
Lift Group

Item	Part No	Qty	Description	Note
1	5025203X6	1	PIN, Cotter, 1/8" X 3/4"	
2	5100351	2	BUSHING, REAR QUICK TACH	
3	5100144	4	SPACER, .53 X 1.00 X 1.44	
4	5045947	2	ADJUSTER, BRAKE LINKAGE	
5	5047125	2	SPACER, .39 X 1.00 X .88	
6	5021812	2	EYE BOLT, 3/8-16 X 6", 1" EYE	
7	5025210	2	3/32 X 1-5/8 HAIR PIN CLIP N/A	
8	5023174	2	CLEVIS, 1/2-20, STEEL	
9	5025328X12	2	PIN CLEVIS 1/2" X 1-1/4"	
10	5025096	2	NUT, 3/8-16 HEX NYLON LOCK	
11	5023202	1	WASHER, WAVE, M10	
12	5025018X20	2	BOLT, 1/2-20 X 2-1/2" GD5	
13	5025394	20	NUT, 3/8-16 HEX NYLOCK FLANGE	
14	5025305	4	WASHER, .41 X 1.75 X .14	
15	5025013X12	2	BOLT, 3/8-16 X 1-1/2" GD5	
16	5025098	4	NUT, 1/2-20 HEX NYLON LOCK	
17	5025013X16	2	BOLT, 3/8-16 X 2" GD5	
18	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE	
19	5025156	6	WASHER 3/8" SAE	
20	5025013X8	4	BOLT, 3/8-16 X 1" GD5	
21	5100170	2	ROD, DECK LIFT, LINKAGE	
22	5025155	4	WASHER, 5/16" SAE	
23	5025011X8	4	BOLT, 5/16-18 X 1" GD5	
24	5100177	1	SHAFT, HANGER	
25	5100135	1	SHAFT, HANDLE, DECK SUPPORT	
26	5400391D	1	WELD, DECK HANGER, LH	
27	5400392D	1	WELD, DECK HANGER, RH	
28	5400382D	1	PLATE, DECK HANGER SUPPORT	
29	5044960	4	SPACER, .39 X 1.00 X .25	
30	5044875	1	SAFETY WALK, 4.50 X 3.50	
31	5048258	2	BUSHING, DECK SUPPORT	
32	5025210	4	HAIRPIN	
33	5021098	2	BEARING, BRONZE FLANGE 3/4"	
34	5048711D	1	WELD, DECK LIFT HANGER REAR	
35	5048733D	1	LINK, DECK LIFT SHAFT	
36	5400872D	1	WELD, DECK HEIGHT SHAFT	
37	5048884D	1	WELD, DECK LOCK	



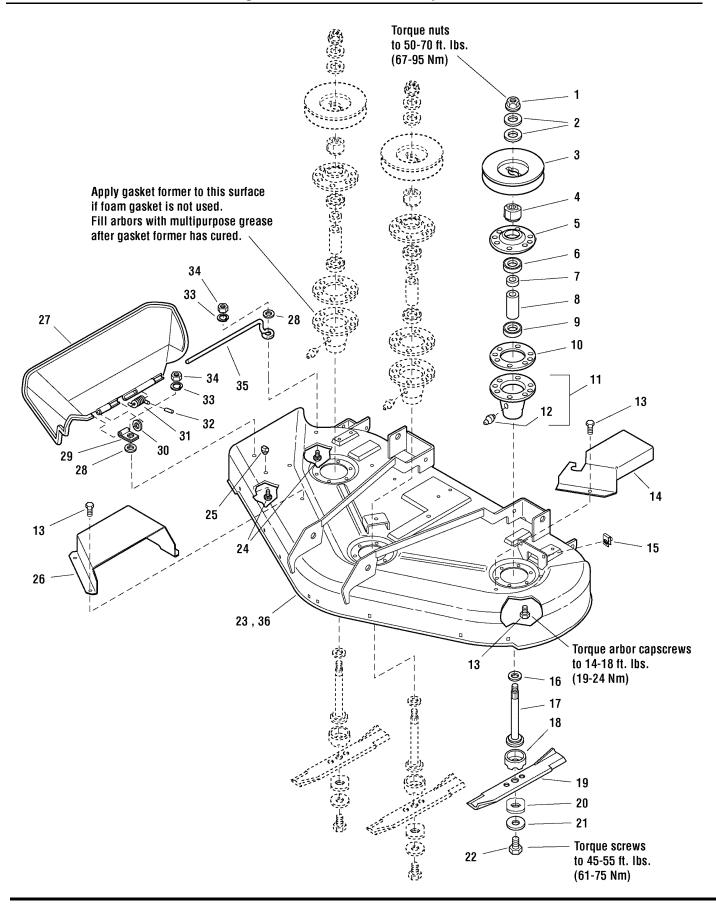
Lift Group

Item	Part No	Qty	Description	Note
38	5020639	1	SPRING, EXTENSION	
39	5048264	2	SPACER, .63 X .39 X 1.50	
40	5400370D	1	PLATE, INNER DECK HEIGHT	
41	5048335	1	SPACER, .76 X 1.00 X 1.00	
42	5046092	1	SPACER, .76 X 1.00 X .50	
43	5100171	1	GRIP, BLACK FLEXIBLE	
44	5100179	1	HITCH PIN, 1/2" X 2-1/2"	
45	5023198	1	COVER, VINYL HANDLE	
46	5400401D	2	WELD, QUICK RELEASE HANDLE, FRONT	
47	5400839D	2	WELD, QUICK RELEASE HANDLE, REAR	
48	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5	
49	5025356	2	SHOULDER BOLT, 3/8-16 X 1/2 X 3/8	
50	5025011X6	2	BOLT, 5/16-18 X 3/4" GRD5	
51	5025013X20	2	BOLT, 3/8-16 X 2-1/2" GD5	
52	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE	
53	5021102	4	SPRING, COMPRESSION	
54	5023497	2	EYE BOLT, 3/8-16 X 5", 1" EYE	
55	5025089	2	NUT, 1/2-20 HEX JAM	
56	5100561	2	BEARING, BRONZE FLANGE, 3/4"	



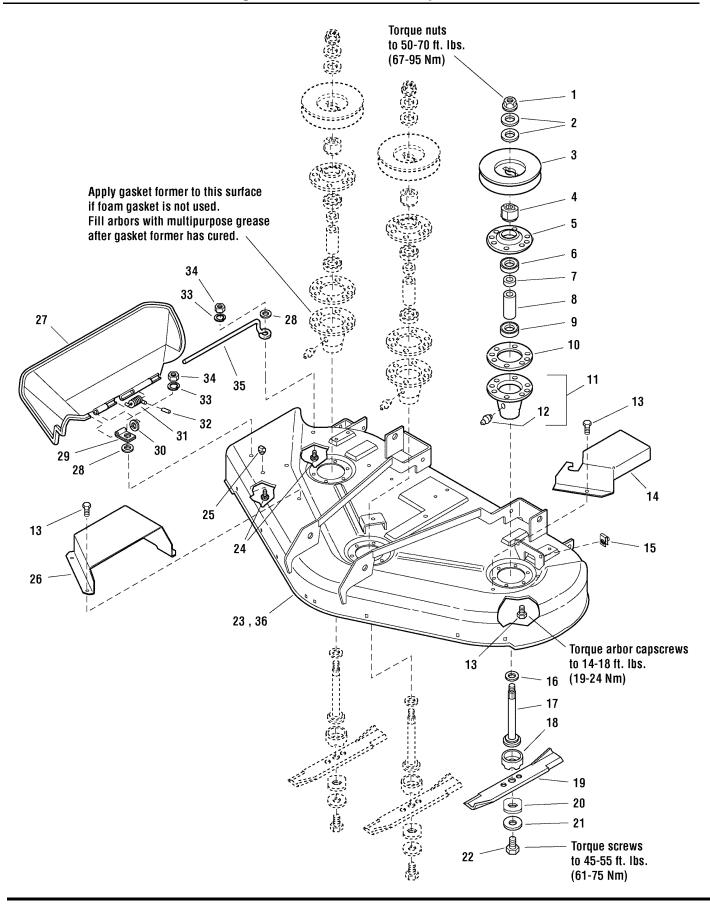
44" & 50" Mower Deck - Belt & Idler Group

<u>Item</u>	Part No	Qty	Description	Note
1	5023255	1	BELT (155" E. L. For 50" Deck)	
1	5023256	1	BELT (151" E. L. For 44" Deck)	
2	5044960	1	SPACER, .39 X 1.00 X .25	
3	5044933	1	SPACER, .39 X .75 X .38	
4	5023157	1	BOLT, 5/16-18 X 1-1/2" FLANGE	
5	5025013X22	1	BOLT, 3/8-16 X 2-3/4" GD5	
6	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE	
7	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5	
8	5025156	2	WASHER 3/8" SAE	
9	5025013X28	1	BOLT, 3/8-16 X 3-1/2" GD5	
10	5020095	1	FITTING, Grease	
11	1676148	2	BUSHING, 5/8 X 3/4 X 13/32, POWDER METAL	
12	5400398D	1	ASSM, IDLER ARM 44" SIMPLICITY	
13	5047125	1	SPACER, .39 X 1.00 X .88	
14	5400402	1	WELD, MOUNT, IDLER, TENSION	
15	5049003	3	ASSM, PULLEY IDLER	
16	1674669	1	Spacer	
17	1715435	1	SPRING, EXTEN, 1.0 OD, 6" LG, .118	
18	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE	
19	5048383D	1	ANCHOR, SPRING	
20	5045023	1	SPACER, .52 X 1.00 X .44	



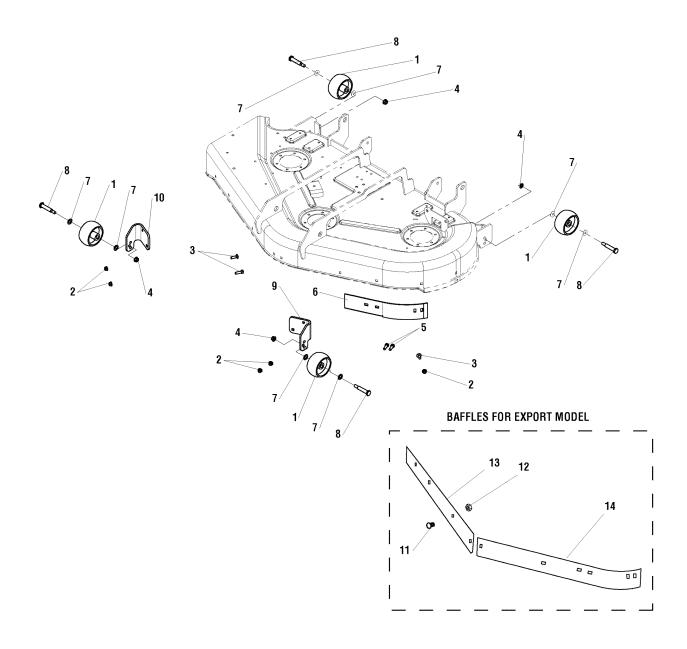
44" & 50" Mower Deck - Housing, Arbors & Blades Group

Item	Part No	Qty	Description	Note
1	1714419	3	NUT, HEX FLANGE, 9/16-18	
2	1713675	6	WASHER, BELLEVILLE, 9/16	
3	1713161	3	PULLEY	
4	1713613	3	HUB	
5	1655729A	3	COVER, ARBOR HOUSING	
6	2108202	3	BEARING, BALL, 3/4 X 1-3/4 X 5/8	
7	1715724	3	SPACER, 21/32 X 3/4 X 5/8	
8	1715723	3	SPACER, 11/16 X 5/32 X 2-11/16	
9	1705897	3	BEARING, BALL, 11/16 X 1-9/16 X 15/32	
10	1707335	3	SEAL, FOAM	
11	1713338	3	ARBOR HOUSING ASSEMBLY	(Includes Ref No. 12)
12	1704314	3	FITTING, GREASE	
13	1664847	24	BOLT TAPTITE, 5/16-18 X 3/4	
14	5400403D	1	COVER, ARBOR, LH	
15	5022308	2	BODY CLIP, 5/16-18	
16	1713619	3	WASHER, 9/16, BLACK	
17	1713609	3	SHAFT, ARBOR	
18	1713196	3	SHIELD, GRASS, LOWER	
19	1704100A	3	BLADE, MOWER, 16-1/8	(For 44" Deck)
19	1708229A	3	BLADE, MOWER, 18-1/8	(For 50" Deck)
20	1713089	3	WASHER, HEX, 11/16 X 2	
21	1656916	3	WASHER, SPRING, 15/32, BLACK	
22	2923471	3	BOLT, 7/16-14 X 1-1/4	
23	5600107	1	DECK SHELL W/DECALS, 44" MOWER	(includes decals)
23	5600109	1	DECK SHELL W/DECALS, 50" MOWER	(includes decals)
24	1931318	2	CARRIAGE BOLT, 1/4-20 X 7/8	
25	1705115	1	PLUG, HOLE	
26	5401091D	1	COVER, ARBOR, RH	
27	1705449	1	DEFLECTOR, PLASTIC	
28	1960353	2	WASHER, 1/4, BLACK	
29	1704873	1	CLAMP	
30	1919326	1	WASHER, 5/16, BLACK	
31	1723938	1	SPRING	
32	1723323	1	VINYL CAP	
33	1916964	2	WASHER, LOCK, 1/4	
34	1916622	2	NUT, HEX, 1/4-20	
35	5049245A	1	ROD, DEFLECTOR	



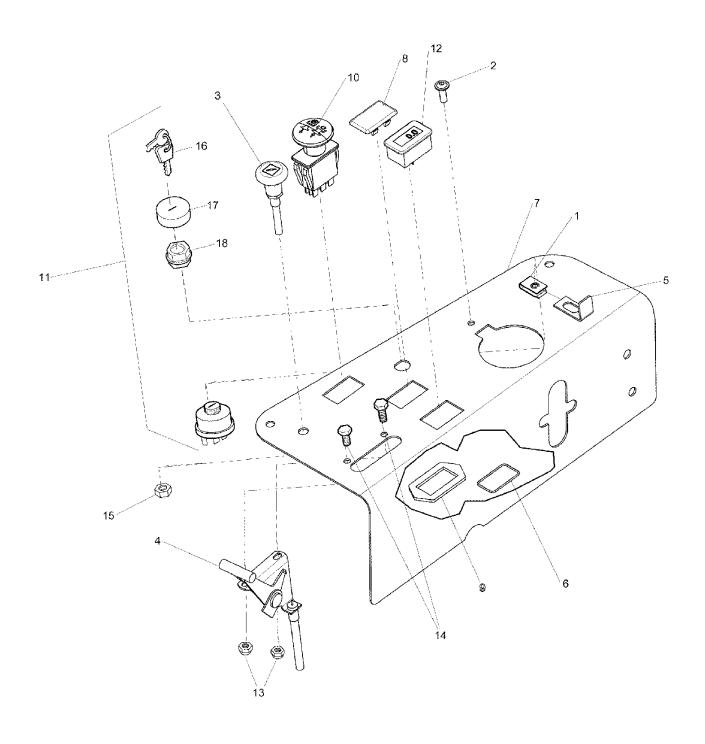
44" & 50" Mower Deck - Housing, Arbors & Blades Group

Item	Part No	Qty	Description	Note
36	5403498D	1	WELD, MOWER DECK, 50", 400Z MODELS	(24 HP MODELS ONLY)



44" & 50" Mower Deck Roller Group

Item	Part No	Qty	Description	Note
1	1714760	4	GAUGE WHEEL	
2	5025392	5	NUT, 5/16-18 HEX NYLOCK FLANGE	
3	5025145X6	3	CARRIAGE BOLT, 5/16-18 X 3/4	
4	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE	
5	5025145X8	2	CARRIAGE BOLT 5/16-18 X 3/4	
6	1724538A	1	SHORT BLOWOUT BAFFLE	
7	1960027	8	WASHER	
8	2108765	4	BOLT, REAR WHEEL	
9	5049017D	1	BRACKET, GAUGE WHEEL, LH - SNAPPER RED	
10	5049018D	1	BRACKET, GAUGE WHEEL, RH - SNAPPER RED	
11	5025145X6	10	BOLT, 5/16-18 X 3/4", CARRIAGE	
12	5025057	10	NUT, 5/16-18 HEX NYLON LOCK	
13	1716869A	1	BAFFLE-BLOWOUT RH 50" MWR - BLACK	
14	1716870A	1	BAFFLE-BLOWOUT LH 50" MWR - BLACK	



Control Group Panel

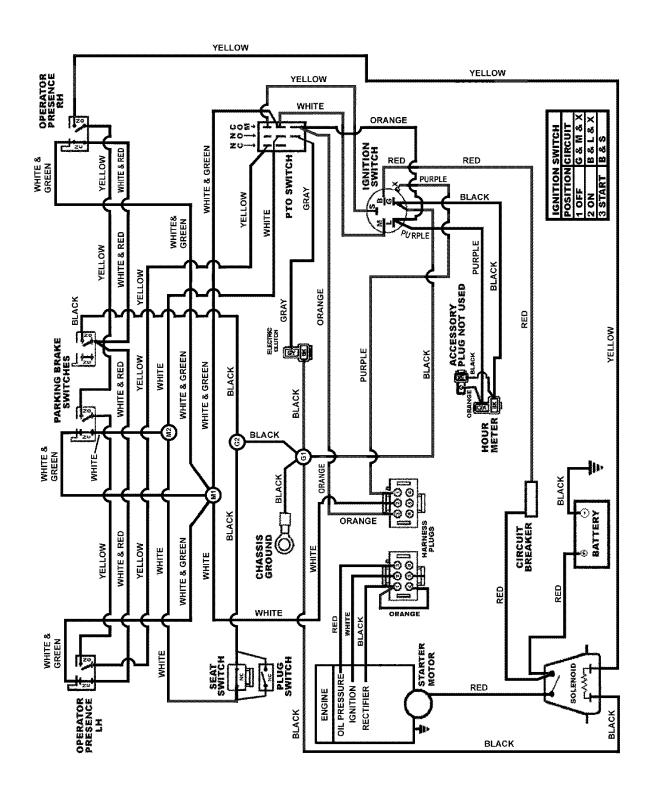
Item	Part No	Qty	Description	Note
1	5022665	1	BODY CLIP, 1/4-20 X .500 DEEP	
2	5025299X6	1	SCREW, ALLEN HEAD, 1/4-20 X 3/4"	
3	5047143	1	CHOKE CABLE	
4	5047629	1	CABLE THROTTLE, 48"	
5	5049022	1	BRACKET, LOCK	
6	5022269	1	O-RING, 7/8" ID X 1/16" W	
7	5400717A	1	PLATE, CONTROL TANK COVER	
8	1709188	1	HOLE, PLUG DASH	
9	5022222	1	RING, SWITCH RETAINER, PTO	
10	5022180	1	SWITCH, BLADE ENGAGEMENT	
11	5020927	1	SWITCH, IGNITION 6 POST	(Includes Ref. 16 - 18)
12	5100978	1	HOUR METER-DIGITAL	
13	5025095	2	NUT, Hex Nylon Lock, 1/4-20	
14	5025010X6	2	BOLT, 1/4-20 x 3/4	
15	5025035	1	NUT, 3/8-24 HEX	
16	5022789	1	KEY, Ignition Molded	(Set of 2)
17	5022790	1	COVER	
18	5022791	1	PLASTIC NUT	

UNDER CONTROL PANEL 11 UNDER ENGINE DECK To Fuel Shut-Off 3 To Engine Magneto To Charge Circuit To Electric **RH Control** Clutch Lever Switch (See Motion Control Group for Mounting Hardware) To Engine Starter **UNDER SEAT DECK** Seat Switch To Chássis (NC) **Ground Bolt** 24 13 **Brake Switches** 18 **LH Control** Lever Switch (See Motion Control Group for Mounting Hardware) 24 20 **UNDER KICKPLATE** To Chassis Ground Bolt 23 21 22

rev. 01

Electrical Group

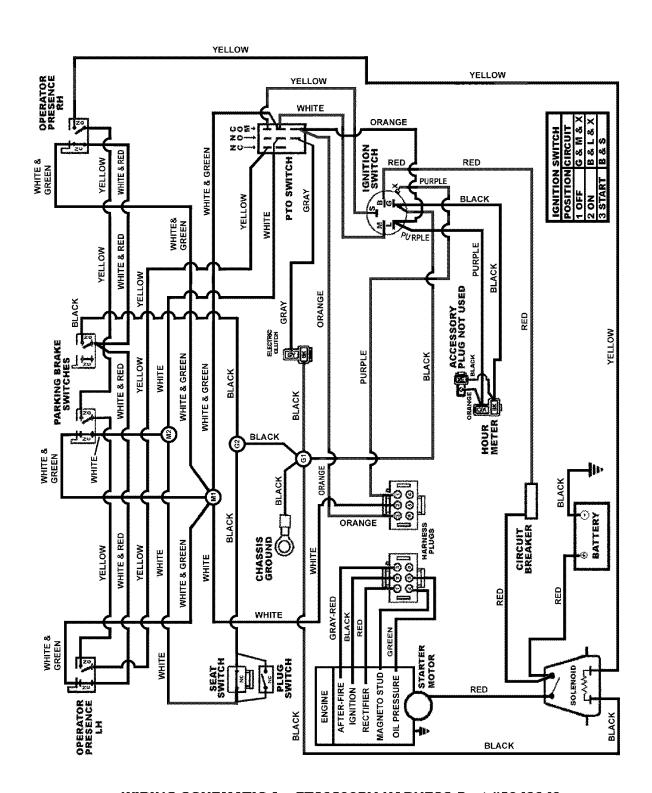
Item	Part No	Qty	Description	Note
1	5020927	1	SWITCH, IGNITION,	(Includes Ref No. 2-4)
2	5022789	1	KEY, Ignition Molded	
3	5022790	1	COVER	
4	5022791	1	PLASTIC NUT	
5	1725523	1	HOUR METER, DIGITAL	(Includes Retaining Ring)
6	5022180	1	SWITCH, PTO	
7	5400371	1	MAIN HARNESS ASSEMBLY	
8	5048756	1	CABLE, #6 X 15" LONG, RING TERMINAL	
9	5100541	1	SWITCH, SEAT, GRAY, NC (Twist in)	
9	5100540	1	SWITCH, SEAT (Screw in)	
10	1960536	2	BOLT, HEX WASHER HEAD PLASTITE, 1/4 X 1/2	
11	5021199	1	CABLE TIE, PUSH MOUNT	
12	5023222	1	CIRCUIT BREAKER, 20A	
13	5048938	1	CRICUIT BREAKER WIRE ASSEMBLY	
14	5023216	2	NUT, HEX JAM, 5/16-24	
15	5023217	2	WASHER, LIGHT LOCK, 5/16	
16	1724815	1	SOLENOID	
17	5025010X6	4	BOLT, 1/4-20 X 3/4	
18	5025126	4	NUT, HEX SERRATED FLANGE, 1/4-20	
19	5022182	2	SWITCH, PLUNGER, NO/NC, SNAP IN	
20	5021406	1	CABLE, #6 X 22" LONG, RING TERMINAL	
21	5020798	1	BATTERY, 12 VOLT	
22	5021542	1	CABLE, #6 X 30" LONG, RING TERMINAL	
23	1722009	1	STRAP, BATTERY, 14 LONG, RUBBER	
24	5022095	2	SWITCH, PLUNGER, NO/NC	



WIRING SCHEMATIC for ZT18440KH HARNESS Part #5048640

Wiring Schematic 18hp

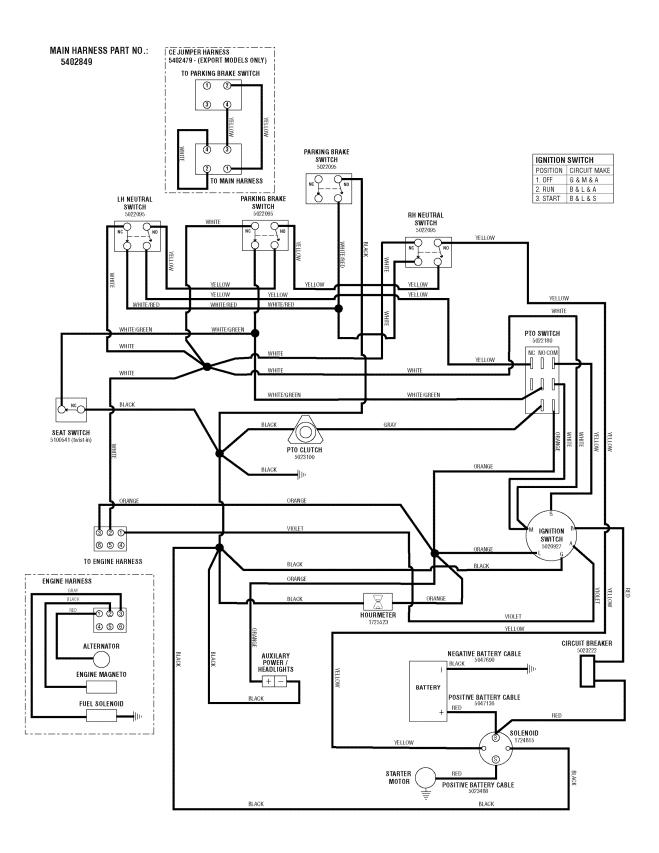
Item	Part No	Qty	Description	Note
		1	Wiring Schematic includes harness #5048640	



WIRING SCHEMATIC for ZT20500BV HARNESS Part #5048640

Wiring Schematic 20hp

Item	Part No	Qty	Description	Note
		1	Wiring Schematic includes harness #5048640	



Wiring Schematic - 24 HP Briggs & Stratton

Item	Part No	Qty	Description	Note
1		1	WIRING SCHEMATIC INCLUDES HARNESS # 5402849	
2		1	WIRING SCHEMATIC INCLUDES HARNESS # 5402479	(CE / EXPORT MODELS ONLY)

Parts Manual for



HYDRO DRIVE ZTR 350Z/400Z SERIES 1

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SNAPPER. McDonough, GA, 30253 U.S.A.